

Focus Area 14: Immunization and Infectious Diseases

Objective 14-17 calls for reduction in the age-adjusted hospitalization rate for peptic ulcer diseases to 46.0 per 100,000 population.

Hospital discharge data for 2000 indicates a total of 19,481 discharges among California residents with a principal diagnosis of peptic ulcer, which translates to an age-adjusted rate of 64.2 hospitalizations per 100,000 population (Figure 14-17, Table 14-17). Data for 2001 show 19,458 discharges at a rate of 62.0 per 100,000; data for 2002 show 19,441 discharges at a rate of 59.8 per 100,000; and data for 2003 show 18,972 discharges at a rate of 56.7 per 100,000. Although these rates are declining, they are significantly higher than the target set in the HP2010 objective.

The peptic ulcer hospitalization rates for males (65.5 per 100,000 in 2003) were significantly greater than the rates for females (48.7 per 100,000 in 2003). Although rates are declining for both genders, this HP2010 objective is not being met for either males or females as of 2003.

Examined by race and ethnicity, the highest peptic ulcer hospitalization rates were found for African Americans/Blacks (89.2 per 100,000 in 2000 to 74.4 per 100,000 in 2003). The next highest rates were found for Asians/Pacific Islanders (71.3 per 100,000 in 2000 to 62.7 per 100,000 in 2003). These rates were significantly higher than the rates for Whites (59.0 per 100,000 in 2000 to 54.7 per 100,000 in 2003) and for Hispanics/Latinos (60.0 per 100,000 in 2000 to 50.7 per 100,000 in 2003). The lowest rates were found for American Indians/Alaska Natives (29.6 per 100,000 in 2000 to 23.5 per 100,000 in 2003), and this is the only race-ethnic population for whom this objective is being achieved.

For more information on peptic ulcer diseases, visit the CDHS Infectious Diseases Branch Web site at:

<http://www.dhs.ca.gov/ps/dcdc/disb/disbindex.htm>

For more information on Healthy People 2010 objective 14-17, please visit:

http://www.healthypeople.gov/Document/HTML/Volume1/14Immunization.htm#_Toc494510239

and

<http://www.healthypeople.gov/Document/html/tracking/od14.htm>

Figure 14-17
Peptic Ulcer Hospitalization Rates
California, 2000-2003

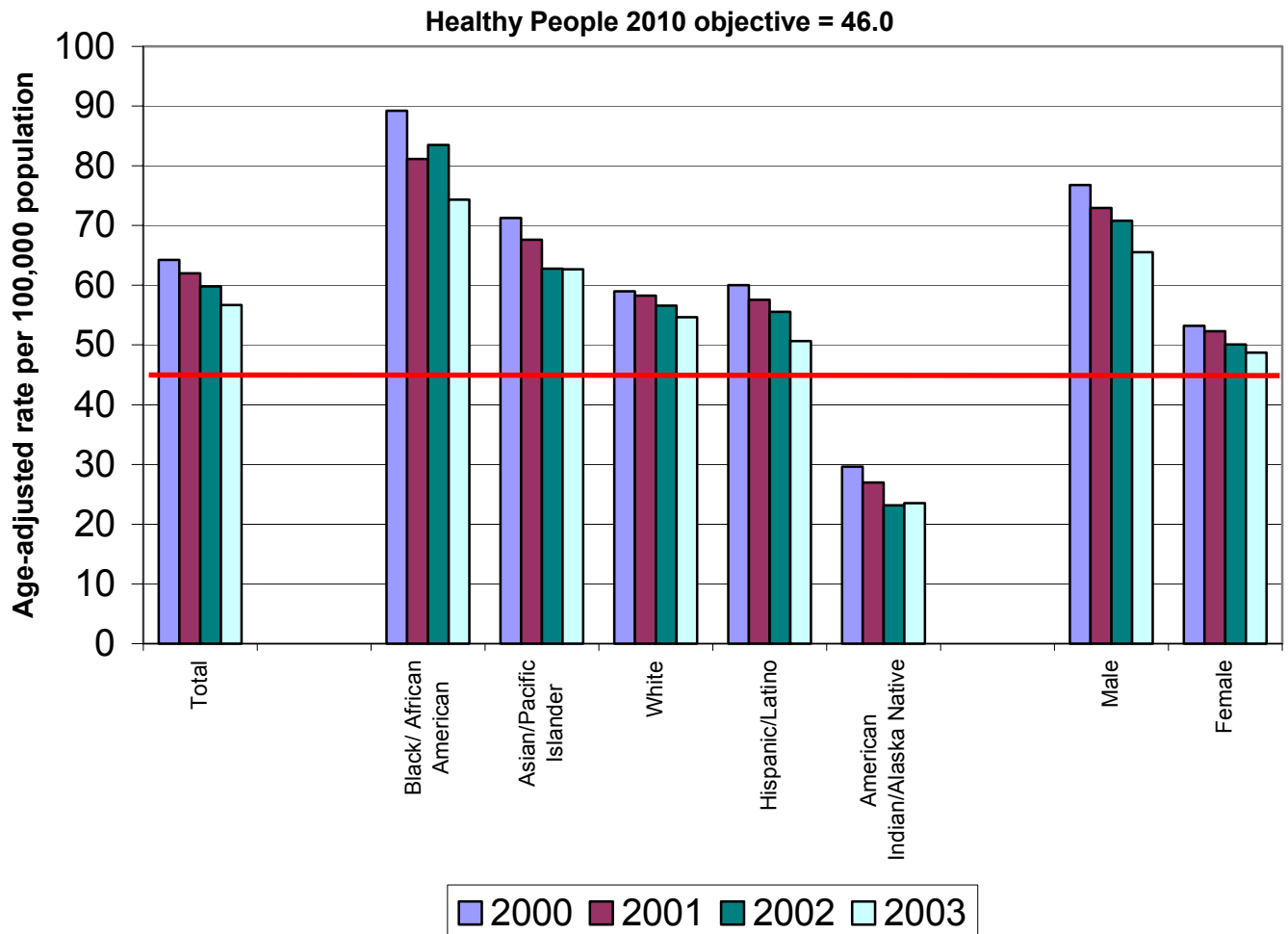


Table 14-17
Peptic Ulcer Hospitalizations
California, 2000-2003

Peptic Ulcer Hospitalizations*	2000				2001			
	Number	Rate ¹	Lower 95% C.I.	Upper 95% C.I.	Number	Rate ¹	Lower 95% C.I.	Upper 95% C.I.
Healthy People 2010 Target		46.0				46.0		
CALIFORNIA TOTAL	19,481	64.2	63.3	65.1	19,458	62.0	61.1	62.9
Race-Ethnicity								
American Indian/Alaska Native	44	29.6	20.4	38.8	47	27.0	18.9	35.0
Asian/Pacific Islander	2,239	71.3	68.2	74.3	2,288	67.6	64.8	70.4
Black/African American	1,581	89.2	84.7	93.7	1,498	81.1	76.9	85.3
Hispanic/Latino	3,183	60.0	57.7	62.4	3,241	57.6	55.4	59.8
White	11,529	59.0	57.9	60.0	11,598	58.3	57.2	59.3
Gender								
Female	8,973	53.2	52.1	54.3	9,101	52.3	51.2	53.4
Male	10,508	76.8	75.3	78.2	10,356	72.9	71.5	74.3

Peptic Ulcer Hospitalizations*	2002				2003			
	Number	Rate ¹	Lower 95% C.I.	Upper 95% C.I.	Number	Rate ¹	Lower 95% C.I.	Upper 95% C.I.
Healthy People 2010 Target		46.0				46.0		
CALIFORNIA TOTAL	19,441	59.8	59.0	60.7	18,972	56.7	55.9	57.5
Race-Ethnicity								
American Indian/Alaska Native	46	23.1	16.2	30.1	55	23.5	17.1	29.9
Asian/Pacific Islander	2,242	62.8	60.2	65.4	2,334	62.7	60.1	65.2
Black/African American	1,596	83.5	79.3	87.7	1,467	74.4	70.5	78.2
Hispanic/Latino	3,367	55.5	53.5	57.6	3,269	50.7	48.8	52.6
White	11,437	56.6	55.5	57.6	11,188	54.7	53.6	55.7
Gender								
Female	8,996	50.1	49.0	51.1	8,964	48.7	47.7	49.7
Male	10,445	70.8	69.4	72.2	10,008	65.5	64.2	66.8

Sources: CA Department of Health Services, OSHPD Patient Discharge Data, 2000-2003;
CA Department of Finance, Demographic Research Unit, Population Projections by Race/Ethnicity for California and Its Counties 2000-2050, May 2004.

Notes: * ICD-9-CM codes 531-534, Principal Diagnosis only.

¹ Rate per 100,000 population, age-adjusted using the 2000 US Standard Population.